UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www. usnto gov.

NOTICE OF ALLOWANCE AND FEE(S) DUE

29505

7590

07/21/2004

DELIO & PETERSON, LLC 121 WHITNEY AVENUE NEW HAVEN, CT 06510 EXAMINER

CULBERT, ROBERTS P

ART UNIT

PAPER NUMBER

1763

DATE MAILED: 07/21/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/016,009	10/30/2001	Charles L. Arvin	FIS920010162US1	4125

TITLE OF INVENTION: REWORK METHOD FOR FINISHING METALLURGY ON CHIP CARRIERS

APPLN, TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	10/21/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

			or <u>Fa</u>		Iginia 22313-1430			
INSTRUCTIONS: This for	rm should be used for tran	smitting the ISSU	JE FEE and PU	BLICATION FEE (if re	quired). Blocks 1 through 5	should be completed where		
indicated unless corrected t	below or directed otherwise	Patent, advance or in Block I, by (a	ders and notific specifying a n	ation of maintenance fees lew correspondence addre	s will be mailed to the currents; and/or (b) indicating a sep	t correspondence address as arate "FEE ADDRESS" fo		
maintenance fee notification	IS. E ADDRESS (Note: Use Block 1 for							
CONTENT CONTEST ON DENC	E ADDICESS (Note: Ose Block 1 for	any change of address)		Note: A certificate Fee(s) Transmittal. papers. Each addition	Note: A certificate of mailing can only be used for domestic mailings of t Fee(s) Transmittal. This certificate cannot be used for any other accompanyi papers. Each additional paper, such as an assignment or formal drawing, m have its own certificate of mailing or transmission.			
	590 07/21/2004			have its own certific	cate of mailing or transmission.			
DELIO & PETEI				I homohou a mai Go ata a	Certificate of Mailing or Tran	smission		
121 WHITNEY AY NEW HAVEN, CT				States Postal Service addressed to the Martansmitted to the Use	this Fee(s) Transmittal is being e with sufficient postage for find fail Stop ISSUE FEE address SPTO (703) 746-4000, on the	ig deposited with the Unite rst class mail in an envelop a above, or being facsimil date indicated below.		
						(Depositor's name)		
						(Signature)		
						(Date)		
APPLICATION NO.	FILING DATE		FIRST NAMED II	NVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/016,009	10/30/2001		Charles L.	Arvin	FIS920010162US1	4125		
TITLE OF INVENTION: R	FWORK METHOD FOR FI	NISHING METAL			110,20010102001	1123		
TITLE OF HAVEIAHON. K	EWORK METHOD FOR FI	MISHING META	LLOKOT ON C	HIF CARRIERS				
APPLN. TYPE	SMALL ENTITY	ISSUE F	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE		
nonprovisional	NO	\$1330)	\$300	\$1630	10/21/2004		
EXAMINER		ART UNIT		CLASS-SUBCLASS				
CULBERT, I	ROBERTS P	1763		216-013000				
1. Change of correspondence	e address or indication of "Fe	ee Address" (37	2. For printin	g on the patent front page,	, list			
CFR 1.363). ☐ Change of corresponde	ence address (or Change of C	Correspondence	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,					
Address form PTO/SB/12	22) attached.	•	(2) the name of a single firm (having as a member a 2					
PTO/SB/47; Rev 03-02 of Number is required.	on (or "Fee Address" Indicat or more recent) attached. Use	ion form of a Customer	2 registered p	orney or agent) and the na patent attorneys or agents. ne will be printed.	ames of up to If no name is 3			
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	L THE PATENT (p	print or type)				
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion of	elow, no assignee of this form is NO	data will appear T a substitute for	on the patent. If an assi	ignee is identified below, the	document has been filed fo		
(A) NAME OF ASSIGNI				(CITY and STATE OR C	OUNTRY)			
			•	•	,			
Please check the appropriate		ries (will not be pr	inted on the pate	nt); 🗆 individual 🗆	corporation or other private g	roup entity 🖸 governmen		
4a. The following fee(s) are	enclosed:	4b	. Payment of Fe					
☐ Issue Fee	nall entity discount permitted	1)	A check in the amount of the fee(s) is enclosed.					
☐ Advance Order - # of	•		Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to					
	· · · · · · · · · · · · · · · · · · ·		Deposit Accoun	nt Number	(enclose an extra c	copy of this form).		
 Change in Entity Status a. Applicant claims SM 	(from status indicated above IALL ENTITY status. See 3	•	☐ b. Applicant	is not claiming SMALL E	NTITY status. See, e.g., 37 CF	R 1 27(a)(2)		
					usly paid issue fee to the application			
NOTE: The Issue Fee and Printerest as shown by the reco	ublication Fee (if required) v	vill not be accepted	d from anyone of	ther than the applicant; a re	egistered attorney or agent; or t	he assignee or other party in		
(Authorized Signature)		(Date)						
This collection of information	m is required by 27 CER 1.3	11 The lafe	41 21 21 2 3 4 2		4 12 13 13 13	11 I CONTE		
an application. Confidentiali	ity is governed by 37 CFR 1.3	122 and 37 CFR	n is required to o	tion is estimated to take I	y the public which is to file (an 2 minutes to complete, including	d by the USPTO to process ng gathering, preparing, and		
this form and/or suggestions	for reducing this burden, sh	ould be sent to the	depending upon Chief Informat	i the individual case. Any ion Officer, U.S. Patent ar	comments on the amount of ti and Trademark Office, U.S. Dep SS. SEND TO: Commissioner	me you require to complete partment of Commerce, P.O.		
Alexandria, Virginia 22313-	inia 22313-1450. DO NOT ! 1450.	SEND FEES OR (COMPLETED F	ORMS TO THIS ADDRE	SS. SEND TO: Commissioner	for Patents, P.O. Box 1450		
Under the Panerwork Reduct	tion Act of 1905 no persons	are required to rec	nond to a collect	tion of information unless	it displays a valid OMP contro	1		



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.usblo.gov

APPLICATION NO. FILING DATE		ILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/016,009		10/30/2001	Charles L. Arvin	FIS920010162US1	4125		
29505 7590 07/21/2004				EXAM	EXAMINER		
DELIO & PE			CULBERT, ROBERTS P				
NEW HAVEN	CT 06510	- }		ART UNIT	PAPER NUMBER		
				1763			
			DATE MAILED: 07/21/2004	4			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 344 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 344 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.